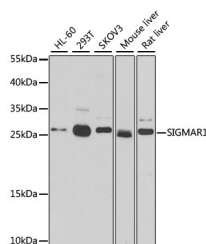


## SIGMAR1 Polyclonal Antibody

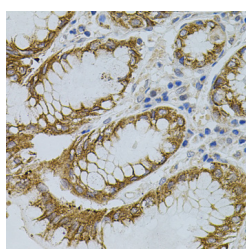
<b>Catalog No.</b>	E-AB-67666	<b>Reactivity</b>	H,M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IHC	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

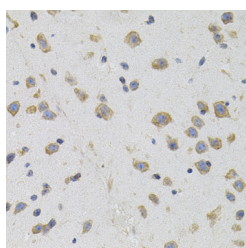
### Images



Western blot analysis of extracts of various cell lines using SIGMAR1 Polyclonal Antibody at dilution of 1:500.



Immunohistochemistry of paraffin-embedded Human stomach using SIGMAR1 Polyclonal Antibody



Immunohistochemistry of paraffin-embedded Mouse brain using SIGMAR1 Polyclonal Antibody

### Immunogen Information

<b>Immunogen</b>	Recombinant protein of human SIGMAR1
<b>GeneID</b>	10280
<b>Swissprot</b>	Q99720
<b>Synonyms</b>	SIGMAR1,ALS16,DSMA2,OPRS1,SIG-1R,SR-BP,SR-BP1,SRBP,hSigmaR1,sigma1R

### Product Information

<b>Calculated MW</b>	11kDa/21kDa/22kDa/25kDa
<b>Observed MW</b>	25kDa
<b>Buffer</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Purify</b>	Affinity purification
<b>Dilution</b>	WB 1:500-1:2000 IHC 1:100-1:200

### Background

This gene encodes a receptor protein that interacts with a variety of psychotomimetic drugs, including cocaine and amphetamines. The receptor is believed to play an important role in the cellular functions of various tissues associated with the endocrine, immune, and nervous systems. As indicated by its previous name, opioid receptor sigma 1 (OPRS1), the product of this gene was erroneously thought to function as an opioid receptor; it is now thought to be a non-opioid receptor. Mutations in this gene has been associated with juvenile amyotrophic lateral sclerosis 16. Alternative splicing of this gene results in transcript variants encoding distinct isoforms.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.